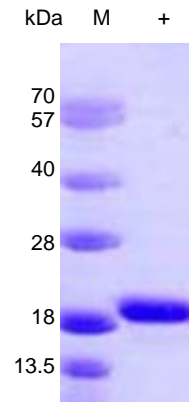


AIF1 (His-tagged), human recombinant

CATALOG NO. :	7888-10	10 µg
	7888-50	50 µg
ALTERNATE NAMES:	Allograft inflammatory factor 1, Ionized calcium-binding adapter molecule 1, Protein G1, IBA1	
SOURCE:	E. coli	
PURITY:	>95% by SDS-PAGE.	
MOL. WEIGHT:	18.9 kDa, confirmed by MALDI-TOF	
FORM:	Liquid	
CONCENTRATION:	0.5 mg/ml	
FORMULATION:	20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 200mM NaCl and 2mM DTT	
STORAGE CONDITIONS:	Can be stored at +4°C for 1-2 weeks. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	

DESCRIPTION: Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.



Three µg of Human AIF1 (His-tagged) was tested in SDS-PAGE and staining overnight with Coomassie Blue.

RELATED PRODUCTS:

- AIF Antibody (Cat No. 3202-100)
- AIF Blocking Peptide (Cat No. 3202BP-50)
- pGB AIF siRNA Vector Mix (Cat No. 9511-20, -60)